

STUDIES IN THE EUPATORIEAE (ASTERACEAE). CLVIII.  
A NEW GENUS, ADENOCRITONIA FROM JAMAICA.

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In 1971 C. D. Adams named a new variety pubescens for Eupatorium critoniforme. The latter species is an endemic of Jamaica now placed in the genus Urbananthus. The species is closely related to Critonia as suggested by the name. Material of the new variety was seen some time ago and it lacks the low attachment of the anther filaments that is characteristic of Urbananthus. More recent examination of typical material and of one older collection cited by Adams show that the variety is actually a very distinct persistent entity in Jamaica.

The new genus is most notable for the numerous glandular punctations on the leaves. Such punctations are characteristically absent from the leaves of Critonia, Urbananthus and Critoniadelphus where internal lacticifers are often present. In this character the new genus resembles such critonioid genera as Fleischmanniopsis of Mexico and Central America but the Jamaican plant is in aspect decidedly more similar to Critonia. Fleischmanniopsis is closer to Koanophyllum and differs especially in the more thyrsoid-paniculate inflorescence. A useful distinctive feature of the new genus is the many series of involucral bracts at the base of the head. Also, the genus has glands on the corolla lobes and a short truncate anther appendage, neither character being found in Critonia.

Adenocritonia adamsii R. M. King et H. Robinson, gen. et sp. nov. (Eupatorieae) Asteracearum.  
syn. Eupatorium critoniforme var. pubescens C. D. Adams  
Phytologia 21:408-409. 1971.

Plantae frutescentes usque ad 3.5 m altae paucē ramosae. Caules teretes leniter striati sparse minute puberuli. Folia opposita, petiolis ca. 2.5 cm longis; lamina ovata 10-14 cm longa et 4-5 cm lata base et apice anguste acuminata margine integra vel serrata supra glabra subtus glandulo-punctatis, nervis secundariis paucis sensim valde ascendentibus subtrinervatis. Inflorescentiae subcymosae 9 cm altae et 18 cm latae;

ramis dense corymbosae, ramulis dense minute puberulis. Capitula plerumque 2-3 in fasciculis; squamae inferiores 3-4-seriatae congestae patentes persistentes latae ovatae 0.7-1.5 mm longae subacutae; squamae superiores 3-4-seriatae 12-15 erectae facile deciduae ovatae vel oblongae 2-4 mm longae apice anguste rotundatae extus stramineae glabrae vel glandulo-punctatae. Flores 5 in capitula; corollae albae? tubulares ca. 4 mm longae base leniter inflatae, cellulis plerumque elongatis, parietibus sinuosis, lobis 5 brevibus ca. 0.25 mm longis et latis laevibus extus glanduliferis; filamenta sub medio corollae inserta; filamenta in parte superiore angusta ca. 300 $\mu$  longa; thecae ca. 1 mm longae, cellulis quadratis vel brevioribus; appendices breves truncatae ca. 170 $\mu$  latae et 70 $\mu$  longae; basi stylorum non incrassati glabri; appendices stylorum apice distincte clavatae. Achaenia prismatica 2.0-2.5 mm longa 5-costata plerumque glabra superne in costis paucis glandulifera; carpopodia superne non abrupte demarcata, cellulis 8-9-seriatis inferne quadratis vel rotundatis, parietibus incrassatis; setae pappi 30-35 uniseriatae apice non incrassatae plerumque tenues, cellulis apicalibus acutis. Grana pollinis ca. 20 $\mu$  diam. breviter spinosa.

Species typica: Adenocritonia adamsii R.M.K. & H.R.

TYPE: JAMAICA: Portland: near site of Nanny Town, in gorge of the Stony River. Elevation 1700-1900 ft. July 26, 1967. George R. Proctor 28401 (Holotype US, Isotype IJ). Paratype: J. P. 1360 UCWI.

#### Acknowledgement

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INSTITUTE OF JAMAICA  
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Name: *Spatiomimicroniforme* *var. pubescens* *C. D. Adams*  
 Common: near site of RAGETT TOWN, in  
forest of the Money River.  
 Altitude: 1100-1200 ft. Date: July 26, 1926  
 Habitat: Picky thickets beside river.  
 Notes: Shrub 2.5 m. tall.  
 Collector: Gullion B. Foster No. 247

UNITED STATES

2617545

NATIONAL HERBARIUM

Adenocritonia adamsii R.M. King & H. Robinson.  
 Holotype, United States National Herbarium. Photos by  
 Victor E. Krantz, Staff Photographer, National Museum  
 of Natural History.



*Adenocritonia adamsii* R.M.King & H.Robinson,  
enlargement of heads.